

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                             | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|---------------------------------|------------------|---------|---------------------|
| L1    | 1     | ("6793987").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2009/03/25<br>12:05 |
| L2    | 1     | ("20030147039").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2009/03/25<br>12:26 |
| L3    | 49445 | ("349").CLAS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2009/03/25<br>12:39 |
| L4    | 0     | 3 and (vacuum near2 dry \$5) near5 (alignment orientation) near5 (inert adj gas) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/25<br>12:40 |
| L5    | 0     | 3 and (vacuum near2 dry \$5) near5 (alignment orientation) near5 (gas)           | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/25<br>12:40 |
| L6    | 1     | 3 and (vacuum near2 dry \$5) near5 (alignment orientation)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/25<br>12:40 |
| L7    | 20    | 3 and (pressure near5 reduc \$5) near5 (alignment orientation)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/25<br>12:41 |
| L8    | 0     | 3 and (vacuum near2 dry \$5) near5 (inert adj gas)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/25<br>12:43 |
| L9    | 0     | 3 and (vacuum near2 dry \$5) near5 (gas)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/25<br>12:44 |
| L10   | 180   | 3 and (vacuum near2 dry \$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/25<br>12:44 |
| L11   | 475   | 3 and (vacuum near2 dr\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/25<br>12:44 |

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|-----|-------|--|-------------------------------------|----|-----|---------------------|
| L12 | 7     | 3 and (vacuum near2 dr\$5)<br>near5 (gas)                              | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/25<br>12:44 |
| L13 | 22    | 3 and (dry) near5 (gas<br>near5 inert)                                 | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/25<br>12:45 |
| L14 | 13    | 3 and ((dry drying dried<br>dries) near5 pressure)<br>near5 (nitrogen) | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/25<br>12:48 |
| L15 | 1     | ("6922229").PN.  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2009/03/25<br>13:38 |
| L16 | 49445 | ("349").CLAS.  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2009/03/25<br>13:40 |
| L17 | 10    | 16 and (nitrogen near5<br>clean near5 dry)                             | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/25<br>13:40 |
| L18 | 6     | 16 and (nitrogen near5<br>contamina\$5)                                | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/25<br>13:41 |
| S1  | 3304  | (349/153,187,190).OCLS.  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2009/03/24<br>17:04 |
| S2  | 2600  | S1 and @ad<"20040924"  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:05 |
| S3  | 14    | S1 and @ad<"20040924"<br>and deaerat\$5                                | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:05 |
| S4  | 1     | S1 and @ad<"20040924"<br>and (deaerat\$5 near5 (align<br>\$5))         | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:07 |
| S5  | 12    | S1 and @ad<"20040924"<br>and (pressure near5 reduce<br>near5 chamber)  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:08 |

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| S6  | 314   | S1 and @ad<"20040924"<br>and (vacuum near5<br>chamber)                                  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:13 |
| S7  | 0     | S1 and @ad<"20040924"<br>and (vacuum near5<br>chamber) near5<br>(alignment) near5 layer | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:14 |
| S8  | 49445 | ("349").CLAS.   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2009/03/24<br>17:34 |
| S9  | 1     | S8 and (alignment near5<br>deacrat\$5)  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:34 |
| S10 | 36    | S8 and (alignment near5<br>moisture)  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:35 |
| S11 | 1084  | S8 and (substrate near5 dry<br>\$5)   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:43 |
| S12 | 25    | S8 and (substrate near5 dry<br>\$5 near5 vacuum)  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:43 |
| S13 | 25    | S8 and (substrate near5 dry<br>\$5 near5 vacuum)  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:50 |
| S14 | 1     | S8 and (alignm\$5 near5 dry<br>\$5 near5 vacuum)  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>17:50 |
| S15 | 1     | ("6,118,511"<br>2001/0002858).pn.   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>18:02 |
| S16 | 2     | ("6,118,511"<br>"20010002858").pn.  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2009/03/24<br>18:02 |
| S17 | 0     | ("2005/0157246").URPN.  | USPAT                               | OR | ON  | 2009/03/24<br>18:11 |

3/ 25/ 09 2:28:37 PM